

## FLORIDA FULLER'S EARTH.

The production of fuller's earth, which is consumed in this country chiefly by the manufacturers of lard and cottolene, increased from 20,893 short tons, valued at \$190,277, in 1903, to 29,480 short tons, valued at \$168,500 in 1904, according to the annual report of the United States Geological Survey. It is noteworthy that the price was considerably less during 1904 than during 1903. The production was limited largely to Florida, shared to some extent by Arkansas, and to a less degree by Alabama, Massachusetts, Colorado and New York. Utah produced an experimental lot of half a ton during the year. Of unwrought or unmanufactured fuller's earth 1,763 long tons, valued at \$9,546, were imported into the United States during 1904, and 7,363 long tons of wrought or manufactured fuller's earth, valued at \$64,460.

Fuller's earth is chiefly employed abroad for fulling wool, but in America it is used mainly for deodorizing, bleaching, and clarifying fats, oils and grease. For the purpose of clarifying lard and cotton-seed oil a small quantity, 2 to 3 per cent of fuller's earth is ground to a fineness of 100 to 120 mesh and is added to the hot oil. After a thorough agitation the hot liquid is passed through a filter press, and when the earth and coloring impurities have been removed the oil is nearly white. It is understood that fuller's earth has almost superseded bone black in this process. A small quantity of fuller's earth is also marketed in powdered form, specially prepared for removing grease spots. It might also be used to advantage in removing calcium carbonate from water used for boiler supplies and thus prevent deleterious incrustations on the inside of boilers.

The value of fuller's earth as a bleacher in the filtration treatment of various oils is shown in the fact that while the quantity produced in the United States increased from about 7,000 short tons in 1895 to about 30,000 tons in 1904, the imports also have grown from over 8,000 tons in 1898 to over 15,000 tons in 1903. These 15,000 tons, together with our production of that year, made a total consumption of over 35,000 tons for 1903. Similarly in 1904, in spite of the increased production to 29,480 short tons, the imports were over 9,000 tons, so that the total quantity absorbed by the industry amounted to nearly 40,000 short tons.

The production of Florida in 1904 was about three-fourths of the entire output of the United States, and it will probably be greater next year. It is likely also that the output of fuller's earth in Arkansas for use in refining animal and cotton-seed oils will be considerably increased.

This report on fuller's earth is an extract from the Survey's forthcoming volume, "Mineral Resources of the United States, 1904," and may be obtained free of charge on application to the director of the United States Geological Survey, Washington, D. C.

## IMMIGRATION.

The formal call for a conference of Southern representatives to meet in Chattanooga, in November, for the purpose of making an effort to secure desirable immigrants for the South, has been issued.

The object of the meeting should be of interest to all who are desirous of advancing the South, and while there is room for many thousands to build them good homes and lay aside money for future use, the space should be limited for the worthless class that are pouring into this country from foreign prisons. They are wholly undesirable, and it would be impossible to have them affiliate with our institutions.

The Sun has advocated the urging of

\$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer one hundred dollars for any case that it fails to cure. Send for list of testimonials.

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German, Dutch, Swedes and Danes to locate on farms in Florida, where they can carry on gardening and other branches for which they are adapted, and as these people are sure to become citizens, remain here and raise large families, they are most preferred, as they are in most cases noted for their integrity and industrious habits. They seldom create discord, and their children grow up to become good American citizens.

The men at the head of this movement are what is needed to make it a success, as they comprise the governors of several States, congressmen, senators, railroad and newspaper men, besides others engaged in pursuits that desire the development of the country to be in good hands.

At this meeting a system of quarantine will be introduced and discussed that it is hoped will put a check on the dumping of every class of foreign rubbish on our shores.

## SUNSTROKES.

Girdle corsets are said to be the best, as they are the easiest on the arm.

When a man tells you of your ignorance, notice how quick he is to undertake to air his intellect.

The "pressing" wants of the people of Gainesville are applied by two clubs and a number of bushmen.

Matches are made in Heaven, they say, and that may be the reason of so many bachelors here on earth. They are waiting until they get there to consummate the contract.

When a person tells you they can't play on the piano it is a good idea to take them at their word, and then if you have an ear for music you will have nothing to regret.

An observing stranger was heard to remark as he was walking along the street a few days ago: "Gainesville has the largest number of nice looking and neatly attired young ladies of any city of its size in the State." He was a married man and judge of the beautiful.

Florida has no cotton mills, yet the State produces as fine cotton as can be found the world over.

## Biliousness

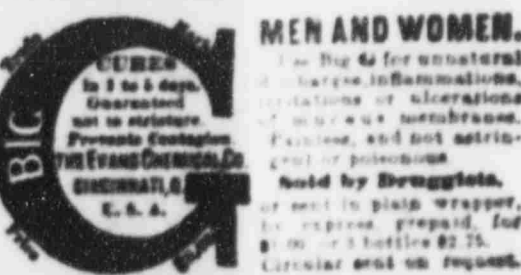
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